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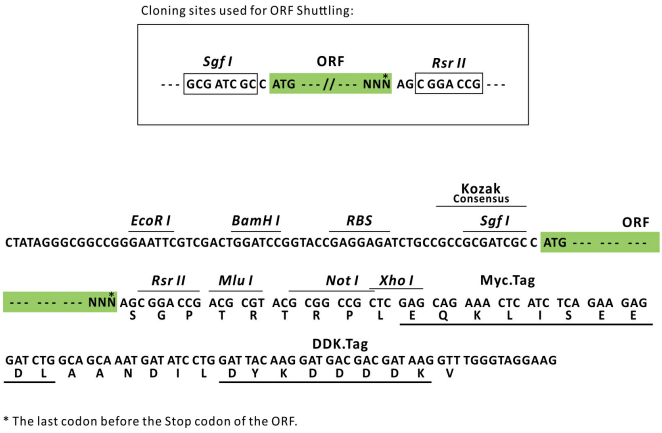
Product datasheet for RC203328L3

EIF3S4 (EIF3G) (NM_003755) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EIF3S4 (EIF3G) (NM_003755) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	EIF3S4
Synonyms:	eIF3-delta; EIF3-P42; eIF3-p44; EIF3S4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203328).
Restriction Sites:	SgfI-RsrII
Cloning Scheme:	



ACCN:	NM_003755
ORF Size:	960 bp

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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003755.3
RefSeq Size:	1127 bp
RefSeq ORF:	963 bp
Locus ID:	8666
UniProt ID:	O75821
Cytogenetics:	19p13.2
Domains:	RRM
MW:	35.6 kDa
Gene Summary:	This gene encodes a core subunit of the eukaryotic translation initiation factor 3 (eIF3) complex, which is required for initiation of protein translation. An N-terminal caspase cleavage product of the encoded protein may stimulate degradation of DNA. A mutation in this gene is associated with narcolepsy. [provided by RefSeq, Jul 2016]